

Title (en)
FRONTLIT TOUCH PANEL

Title (de)
VORDERSEITIG BELEUCHTETES TOUCHPANEL

Title (fr)
ECRAN TACTILE ECLAIRE PAR L'AVANT

Publication
EP 1374153 B1 20041124 (EN)

Application
EP 02703329 A 20020204

Priority
• US 0203207 W 20020204
• US 82773201 A 20010406

Abstract (en)
[origin: US7253809B2] A frontlit touch panel for use with a reflective light valve, comprising a front light guide having at least one light input face that supplies light to the guide, a viewing face, a light output face opposite the viewing face, and at least one component of a touch-sensitive transducer, the light output face having a light extraction layer thereon having a substantially flat light exit face and containing buried reflective facets that extract supplied light from the guide through the light exit face. The touch panel can be used with a light source, reflective light valve and suitable control electronics to form a compact, efficient illuminated touch panel display assembly.

IPC 1-7
G06F 3/033; G06K 11/06; F21V 8/00

IPC 8 full level
G06F 3/041 (2006.01); **F21V 8/00** (2006.01); **G06F 3/033** (2006.01); **G09F 9/00** (2006.01); **G02F 1/13357** (2006.01)

CPC (source: EP KR US)
G02B 6/0023 (2013.01 - EP US); **G02B 6/0053** (2013.01 - EP US); **G06F 3/03** (2013.01 - KR); **G06F 3/041** (2013.01 - US); **G06F 3/0412** (2013.01 - EP); **G02F 1/133616** (2021.01 - EP US); **G06F 3/042** (2013.01 - EP); **G06F 3/043** (2013.01 - EP); **G06F 3/044** (2013.01 - EP); **G06F 3/045** (2013.01 - EP)

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US 2002145593 A1 20021010; **US 6738051 B2 20040518**; AT E283513 T1 20041215; CN 1256698 C 20060517; CN 1511301 A 20040707; DE 60202053 D1 20041230; DE 60202053 T2 20051201; EP 1374153 A1 20040102; EP 1374153 B1 20041124; JP 2004533006 A 20041028; KR 20030085590 A 20031105; US 2006132453 A1 20060622; US 7253809 B2 20070807; WO 02082358 A1 20021017

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